(Amended) A method for separating electronic components joined by a row-1 1. by-row array of solder interconnections comprising the steps of: 2 supplying an electronic component assembly having at least two components 3 joined by a plurality of solder interconnections in a row-by-row array and 4 5 having a first thickness; providing a cutting element having a thickness less than the first thickness of 6 7 the solder interconnections; heating the cutting element to a temperature sufficient to melt the solder at the 8 point of contact when the cutting element is in contact with and forced 9 against the solder interconnections; 10 positioning the heated cutting element adjacent one of the rows of the solder 11 interconnections; 12 applying a force to advance the heated cutting element through the row of 13 solder interconnections whereby the heated cutting element engages and 14 cuts through the row of solder interconnections and severs the row of 15 solder interconnections; 16 continuing the above steps for the remaining rows of solder interconnections to 17 cut and sever all the rows of solder interconnections; and 18 separating the two components. 19

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3, (Amended) An apparatus for separating electronic components joined by a
ow-by-row array of solder interconnections comprising:
securing means to hold an electronic assembly having at least two components
joined by a plurality of solder interconnections in a row-by-row array and
having a first thickness;
a cutting element having a thickness less than the thickness of the solder
interconnections;
a heater to heat the cutting element to a temperature sufficient to melt the
solder at the point of contact when the cutting element is contacted with
and forced forward against a row of the solder interconnections;
positioning means to position the heated cutting element adjacent one of the
rows of solder interconnections;
advancing means to force the heated cutting element against the row of solder
interconnections and through the row of solder interconnections whereby
the heated cutting element cuts and severs the row of solder
interconnections; and
separating means to separate the two components when all the rows of solder
interconnections have been cut and severed row-by-row by the heated

cutting element.

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Please cancel claims 7 and 14 and add the following new claims 16 and 17:

1	16. A method for separating electronic components joined by a row-by-row
2	array of solder interconnections comprising the steps of:
3	supplying an electronic component assembly having at least two components
4	joined by a plurality of solder interconnections in a row-by-row array and
5	having a first thickness;
6	providing a water jet cutting element having a thickness less than the first
7	thickness of the solder interconnections;
8	positioning the water jet cutting element adjacent one of the rows of the solder
9	interconnections;
10	applying a force to advance the water jet cutting element through the row of
11	solder interconnections whereby the water jet cutting element engages and
12	cuts through the row of solder interconnections and severs the row of
13	solder interconnections;
14	continuing the above steps for the remaining rows of solder interconnections to
15	cut and sever all the rows of solder interconnections; and
16	separating the two components.

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1	17. An apparatus for separating lectronic components joined by a row-by-row
2	array of solder interconnections comprising:
3	securing means to hold an electronic assembly having at least two components
4	joined by a plurality of solder interconnections in a row-by-row array and
5	having a first thickness;
6	a water jet cutting element having a thickness less than the thickness of the
7	solder interconnections;
8	positioning means to position the water jet cutting element adjacent one of the
9	rows of solder interconnections;
10	advancing means to force the water jet cutting element against the row of
11	solder interconnections and through the solder interconnections whereby
12	the water jet cutting element cuts and severs the row of solder
13	interconnections; and
14	separating means to separate the two components when all the rows of solder
15	interconnections have been cut and severed row-by-row by the water jet
16	cutting element.